

**SECRET**

NPIC/TSSG/RED-1982-69  
29 December 1969

**MEMORANDUM FOR THE RECORD**

**SUBJECT: Dry Diazo Process**

25X1 1. On 17 December 1969, [ ] engineers delivered a prototype heat processor for experimental dry process diazo film and paper. This piece of equipment is being used to determine the parameters for a modification of a [ ] reproducing light table which presently uses ammonia processed diazo materials. Demonstrations have been given to interested personnel within NPIC. Samples were made of various types of materials which were submitted, including some line copy reproduction and continuous tone photos of both high and low gamma. Varying degrees of success were achieved, depending upon the type of materials submitted. (Note: high gamma, dry diazo material can be produced in almost any color. The present goal is for a neutral, unit gamma material.)

2. The general capabilities of the new dry diazo system were very well received by Center personnel. At the present time an operational evaluation is underway to determine inputs for the modification of the present diazo printing light tables. PI-type personnel in IEG are presently reproducing various types of continuous tone materials in order to indicate any limitations with respect to their particular requirements and uses. Feedback from both IEG and IAS with this respect will be forwarded as inputs for modification of the ammonia process system.

[ ]  
**SDB/RED/TSSG**

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